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# BRITISH REVIEW

—, for 1793.

## VOL.X.

Quid dem Quid nondem Renuis quod tu jubet alter): Quod polis id sanè est invisum acidumque duobus. Horat:



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#### THE

### LITERARY AND BIOGRAPHICAL

## MAGAZINE,

N D

### BRITISH REVIEW.

For JANUARY, 1793.

MEMOIRS OF SIR JOSHUA REYNOLDS.

WITH AN ELEGANT PORTRAIT.

CIR JOSHUA REYNOLDS was him to copy Guercino's drawings. nolds, and born at Plympton St. many of them are now preserved in Mary's, in Devonshire, in the year the cabinets of the curious in this 1723. His father was univerfally country, as the originals of that very respected, and an intimate friend of great master. About the year 1750. that eminent divine, Mr. Zachariah he went to Rome to prosecute his Mudge. Mr. Reynolds had a very studies, where he remained about numerous family, which, however, two years, and employed himself ranever depressed his spirits, and he ther in making studies from, than in was affiduous in cultivating learn-ing among his neighbours. Young painters with which that illustrious Reynolds was fent early to a gram- capital of art abounds. Here too mar-sehool, being intended by his he amused himself with painting father for the church, and went from caricatures, particularly a very large thence to one of the univerlities, one of all the English that were where he took the degree of master then at Rome, in the different attiof arts.

destination of his mind to painting about the year 1752, and took a was occasioned by an accidental pe- house in Newport-street, Leicesterrufal of Richardson's treatise on that fields; to which latter place he reart when very young. He became moved foon afterwards, and where a pupil to Mr. Hudson the painter, he continued till the time of his in 174-, who, amongst other ad- death. Sir Joshua had so little of rice that he gave him, recommended the jealouly of his profession, that -Vol. X.

the fon of the Rev. Mr. Rey. This he did with such skill, that tudes of Raphael's celebrated ichool Sir Joshua ever declared, that the at Athens. He returned to England

when a celebrated English artist, on his arrival from Italy, asked him Joshua told him, that the next house to him was vacant, and that he had found his fituation a very good one. Sir Joshua was soon after elected a fellow of the Royal and Antiquarian Societies, and on the institution of the Royal Academy, was elected prefident of that noble feminary of arts, and his election was confirmed

by his fovereign.

Sir Joshua died on the 23d of February, 1792, after a discase of languor, occasioned by an enlargement of the liver. His body, by the permission of his sovereign (who appeared to wish that every possible honour should be conferred on the remains of the prefident of his own academy), lay in state in one of the apartments of the Royal Academy; and was conveyed on the morning of Saturday, the 3d of March, to the cathedral of the metropolis, attended by the most distinguished persons in the country in birth, in talents, and in virtue. It was received at the west door of the church by the venerable Chapter, who preceded it into the choir, where a folemn funeral fervice was performed; and that no mark of respect might be wanting to the respectable remains, (whose obsequies were than celebrating) they added fome supernumerary and excellent fingers to their choir. It feems to be only wanting now, that the ingenious body over monour to them as well as to himfelf, should pay their tribute of refpect to the memory of a man who contributed fo much by his practical as well as speculative talents in his art, to dignify their institution, and to diffuse throughout the country a just and well-founded taste in paintling. A monument in St. Paul's will, to all lovers of art, appear no by him. less a debt of justice than a mark of respect.

Of Sir Joshua's moral and intellectual character, who shall presume where he should set up a house, Sir to speak, after Mr. Burke's eloquent and accurate delineation of it! It is the eulogium of Apelles pronounced by Pericles; and to attempt to add to it, would be to rifque the fame censure that would be passed upon an inferior artist who should prefume to retouch one of Sir Jos shua's own pictures.

> An ingenious critic in art thus delineates Sir Joshua's professional

character:

"Sir Joshua Reynolds was most assuredly the best portrait painter that this age has produced. He posfessed something original in his manner which distinguished it from those painters who preceded him. colouring was excellent, and his distribution of light and shadow so generally judicious and varied, that it most clearly shewed that it was not a mere trick of practice, but the result of principle. In history painting his abilities were very respectable, and his invention and judgment were fufficient to have enabled him to have made a very diffinguished figure in that very arduous branch of his profession, if the exclusive tafte of this country for portraits had not discouraged him from cultivating a talent so very unproductive and neglected. His drawing, though incorrect, had always something of grandeur in it."

To his own pictures might be well applied what he used to say respectwhich he prefided, with fo much ing those of Reubens: "They refemble," said he, "a well-chosen nolegay, which, though the colours are splendid and vivid, they are never glaring or oppressive to the

Sir Joshua wrote- Discourses delivered at the Royal Academy, 2 vols." 8vo. "Notes to Mr. Mason's Translation of Dufresnoy on cathedral, voted by general accla- Painting," 4to. The Papers, No. mation, and erected at the expense 76, 79, 82, in the Idler, on the subof the common fund of the academy, ject of painting, were also written

It must not be forgotten in this **E**ketch doctor of laws; an academical ho- a very elegant Latin speech.

sketch of the Life of Sir Joshua nour which he merited no less from Reynolds, that at the installation of his talents as a writer, than from his Lord North as chancellor of the university of Oxford, that learned body presented him with a degree of introduced him into the theatre with

#### BIOGRAPHIANA:

OR, ANECDOTES OF ILLUSTRIOUS PERSONS.

NUMBER X.

MASQUE de FER.

IN the manuscript memoirs of M. de la Reinterie, at present in the possession of the Marquis of Mesmon-Romance, at Paris, there is a very curious account of this celebrated state-prisoner. The Marquis says, that when he commanded in the fortress of Pignerol, a prisoner, who was confined in the caltle, shut the door of his room upon the officer, who rushed upon him, and ran down stairs to escape from his confinement. He was, however, stopped by the centinel. The officer in the meanwhile cried out from the window, that the prisoner was making his escape, and defired the affistance of the garrison. The officer upon guard immediately run up, and laid hold of the prisoner, who was fcuffling with the centinel. The officer drew his sword, and the prisoner immediately cried out in a very imperious and commanding tone of voice, "Songez a ce que vous faites respectez le sang de vos souverains."—" Take care, Sir, what you do; respect the blood of your monarchs." In the mean time the officer who was locked in the room earne out, put his hand upon the prisoner's mouth, and defired all the persons present, never to mention what they had heard the prisoner M. de la Reinterie says, that he never told the story to any one, except to two or three persons perated and deluded multitude of about the court, and whose names Holland, John de Witt repeating, he mentions. This account was in the midst of all his torments, that given to the relator by a very able fine ode of Horace-

and a very eloquent advocate of the last parliament of Dauphiné.

John de Witt.

This illustrious pensionary of Holland, when he was one day asked how he could get through with ease the immense load of business, that would oppress most other men; replied, by doing one thing at a time. Another of his maxims, in the conduct of life, and of still more value than all his political ones, was to be careful of his health, but careless of his life. This great man well knew the importance of health to the mental as well as to the corporeal functions, and at the same time was convinced that in certain situations, where the duty to one's country, to one's relations, to one's friends, and to one's felf, demands it, that a facrifice of those is justly and honourably made, and that not to make it is "propter vitam vivendi perdere causam." The manner of life of this great man was to simple, that though his name appeared by the fide of that of emperors and of kings in many public acts, that he used to walk from his own house to that of the states at the Hague, attended only by a fingle fervant, and that one man and one maid-fervant composed his whole domestic establishment. He and his brother Cornelius were (as is but too wellknown) torn in pieces by the exal-

Justum





### Biographiana; or, Anecdotes of illustrious Persons.

Justum & tenacem propositi virum Non circum ardor, prava juberium Non vultus instantis tyranni Mentigatit solida, &c.

One of his political maxims seems to do too much honour to the judgment of fovereigns and their ministers-"Tous les princes & tons les etats se reglent sur leurs interets, & que des que l'on sçait en quoi leurs vrais interets confisent, on peut sçavoir quels en sont les projets. De Witt wrote Negociations, 1725, 5 tomes 12mo. Memoires sur la Hollande, 4 tomes 12mo. which are very highly esteemed for the fimplicity of the style, and the excellent political observations with which they abound. Though de Witt was in general inimical to the house of Orange, he took care of the revenues, and superintended the education of William the Third, when he was Prince of Orange; and bishop Burnet supposes, that for many of the virtues and talents which adorned the character of this excellent prince, he was indebted to the care and attention of his illustrious preceptor.

#### ALMANZOR,

The great, as he is called, to diftinguish him from some other Arabian princes of his name, was king of Cordova, in Spain. He was no less famous for his wisdom than for his courage; he wrote a book of maxims, from which these that follow are taken.

"If hungry beggars are whipt through the streets, beggars in fine cloaths have a right to their proportion of notice, and should be sent to the gallies.

"Pride is as true a beggar, very often, as poverty can be, but a good deal more faucy.

"A prince who resolves to do no good, unless he can do every thing, teaches his people to see that they are flaves, and they have a right to do whatever they have a mind to.

"Power and liberty are like heat and moisture; when they are well

mixed, every thing prospers; when they are single, they ever do mischief.

"I believe the least useful part of the people have the most credit with the prince. Men will conclude therefore, that to get every thing, it is necessary to be good for nothing."

#### ALEXANDER VII.

Was a man of great finesse in little things. Mezeray fays of him, "Il etoit petit dans les grandes choses & grande dans les petites." He set out in his pontificate with a prodigious appearance of difinterestedness, with a resolution to do but little for his family; however, when he found this resolution begin to flag, and that he was fending for them to Rome, he ordered his coffin to be made, and put into his bedchamber, in hopes that the constant remembrance of what he was at last to come to, might prevent his incurring the usual crime of popes, nepotism. This solemn memento mori he foon began to regard as one of the common pieces of furniture in his room. "C'en n'est geueres par les yeux," says Pere d'Aroigny, who relates the anecdote, "qu'on devient plus homme de bien."-"We are feldom the better for our eyes." The following elegant satirical epitaph was composed for him.

Hic jacet
Alexander VII.
In ambiendo Pontificatu folers,
In tenendo rapax.
In relinquendo ad oftentationem
compositus.
Fide, fuit in seipsam maxima,
In homines dubia
In Deum modica aut nulla.
Spe

Galliam allexit,
Charitate
Scipfum complexus eft,
Ecclefiam
In publicum damnum,
In privatam fuam utilitatam.

In proprium dedecus

Mensam

Mensam unum, menses quatuor Læsis aut lusis Regibus. rexit. Huic autem lædere ac lædere tam familiare fuit

Ut moriturus

Mimum strenué agere non destituerit Abiit art plures, paucos mærentibus Id Fcb. Anno Dom. 1691.

The Latin poems of this pontiff were publicly printed at the Louvre preis, 1656, folio. According to Otho Venius, Rubens's mafter, every human countenance is like that of some animal. The countenance of this pope was exactly like that of a fox, as Plato's was that of a dog. The late Dr. Johnson's resembled that of an elephant.

CHRISTINA, Queen of Sweden,

Said well of the celebrated revocation of the edict of Nantes, in France, that it was like a wounded person, whose leg, through impotence and folly, the furgeons cut off, instead of waiting till it healed of itself. When some one asked Christina why she gave up the sovereignty of her country, "Le Par-natie vaut mieux que le trone," was her reply. She changed her religion from the Lutheran to the Catholic perfuaiion. When some manuscripts was presented to her, in which the fincerity of her conversion was doubted, she wrote on the back of it, "Qui lo sa, non scrive, qui lo scrive, non sa." Her motto was,

#### 66 Fata viam invenient."

Christina, in drawing her own character, says of herself, that she was fuspicious, ambitious to the greatest degree, impatient, contemptuous, irreligious, of an ardent and impetuous character, was by nature inclined to gallantry, but missed a small scarce book, on the that she was kept from it by an ex-liberties of the Gallican church, cels of pride. in a heroine! Writing to Madame purloined it. The nuncio excused Scuderi, three years before her himself, and said, he did not care the death, she says, "La mort, que least for any book whatever, and s'approche, & ne marque jamais son that most probably a little ugly felmoment, ne m'inquiete pas, je l'at- low of his train, Pamphili, who was

ten dsans la déffier, ni la craindre." She ordered the following infeription for her tomb, in St. Peter's church at Rome.

D. O. M.

Vixit Christina. Annos 62.

Account of Christina, by a contemporary writer. "Elle dedaigne fortement les femmes, & parle toujours tres civilement aux hommes dont elle affecte le ton du voix & quali toutes les actions elle affecte sont de faire l'amazone. Elle a pour le moins autant de gloire & de fierté, que pouvoit avoir le grand Gustave son Pere. Elle est fort civile & fort caressante, parle huit langues & principalement la Francoile, comme si elle etoit née a Paris. Je crois n'avoir rien oublié a fa peinture, hormis qu'elle porte quelque fois une Epée avec un collet de Buffle, & que sa perruque est noire, & qu'elle n'a sur sa gorge, qu'une echarpe de même." Christina, though she quitted the throne of Sweden to be free to purfue her studies, wrote very little. Some letters, and some detached thoughts of hers, are published in Arkenholtz's memoirs of this queen, 14 vols. 4to. She wrote also some reflections on the life and actions of Alexander the Great, to whom the was very fond of being compared.

#### INNOCENT X.

Pamphili was, according to Amelot de la Houssaie, known to the late Louis XIV. and the French nation from the following circumstance. When this pope, who was a man of letters, was in the nuncio's fuite at Paris, the nuncio, with allhis suite, went to see the library of a famous collector in that city.-The owner of the library very foon Wonderful qualities and taxed the nuncio with having







pocket. Pamphili denied the charge.

fond of books, had put it in his racter. When he was once accosted by a very flout beggar to give him but was very foon befet by fome of alms, faid, "My good friend, I the fervants of the house, who wonder you beg; why don't you pulled the book from out of his work, as you appear to be able?" pocket. "Alas, Sir," replied the beggar, MARIVEAUX, "if you did but know how idle I The French novelift, though won- am." "Well," replied Mariveaux, derfully alembicated in his manner giving him half a crown, "go your of writing, was not so in his cha- way; you are an honest fellow."

OBSERVATIONS ON THE NATIVE SILK-WORMS OF NORTH AMERICA.

BY THE LATE MR. MOSES BARTRAM.

From the Transactions of the American Philosophical Society.

know, if some of the wild silk worms of North-America could, with proper care, be propagated to advantage; accordingly, in March, 1766, I made an excursion along the banks of Schuylkill, in fearch of some pods or cocoons, in which the worms spin themselves up and lie concealed all the winter, in the nymph state, preparing for a change in the spring, namely, from an aurelia to a fly.

I was so lucky as to find five eocoons that had live found nymphæ in them. These five I placed in my garret opposite to a window, that fronted the fun rifing. I did this, that the warmth of the fun might forward their coming out.

May 10. One of the flies came out; but the window happening to be left open it made its escape.

May ig. One of my pods produced a large brown fly, beautifully spotted, next day two more of them produced each a fly.

May 17. One of the flies, which came out of a large loofe pod, began to lay eggs. On the 22d, the other two, which were males, grew very weak and feeble and unable to fly. Next day one of them died, and the day following the other died; the female fly all the swamps and upland.

Had for a long time, a defire to having laid near three hundred eggs. May 31, my last pod produced a large female fly, of the brown kind like the rest. But there being no male I could expect no increase from it. June 3d, she began to lay eggs and continued fome days: on the 8th fhe died, having laid upwards of two hundred eggs. These which my last fly laid looked at first large and full, but in a few days they began to shrivel and be indented in the middle, as did all the rest. However, I folded them all up in separate papers and laid them by, to fee if any would hatch the spring following.

The male fly is less than the female, but his colours are brighter and more beautiful.

In the spring of the year 1767, I examined the eggs, and found them all dry, and not likely to produce worms; from whence I concluded they had not been impregnated by This was a disappointthe males. ment to me. But being still of opinion, that they might be propagated, I determined to make another trial with more caution and circumspettion. Accordingly, L set out in search of cocoons, and gathered feveral of them both from this time continuing to lay eggs; on from the swamps I got chiefly off the 24th at night the also died, the alder; those from the upland,

viburnum or black haw bushes.

These pods I placed as I had the others, before my garret window, where the fun might shine on them, as soon as it arose, and a great part of the forenoon. When I expected the flies were near coming out, I tacked coarse cloths up against the windows on the infide, not only to darken the room, but also for the flies to fettle on, and to prevent them, it attempting to make their escape, from beating their legs and wings to pieces against the glass, year, and which it is probable, prevented their copulating.

May 16. Three of my cocoons produced each a fine large fly of the brown kind, the same as those of The two following last year. days two more flies made their appearance, and one of the eldest began to lay eggs, which not being impregnated, dried up and yielded

no increase.

came out on the 16th, copulated with the female that was produced on the 18th. They continued together about twenty four hours; a a common case with most of the infest tribe, which lay a great number of eggs at once. fomething fimilar may be observed in some other animals.

to lay eggs, which looked plump and fine. Though I shad now several flies, yet this was the only one from which I had any increase.

June 2. The last of my slies died, all expiring regularly as they The period of their came out. existence is short, seldom exceeding nine or ten days, though some of the females lived to the age of four-I had last year.

June 3. The eggs that were impregnated began to hatch and produce worms, to which I presented for food the leaves of our common mulberry; but they did not feem

off the wild crab-tree, and the fond of them. I laid before them feveral other kinds of vegetables, and observed that they seemed best pleafed with the alder.

> June 4th, 5th, and 6th. The eggs continued hatching and producing

young worms.

June 8. Those first hatched left off feeding, shrunk up short, and seemed motionless. I imagined they were fick and changed their food, trying almost every kind of vegetable, in hopes of finding something that would agree with them better; but all to no purpoic. which I found to be the case last Having killed several in shifting them from one kind of food to another, while the rest still continued in the same torpid state, notwithstanding all I could do, L thought all my hopes of raising them were frustrated and concluded they would perish.

fune 9. I was agreeably surprized to see the little animals, that I had given over as dead, creeping out of their old skins, and appearing much May 19. One of the males that larger and more beautiful than before. Finding themselves disengaged, in a little time, they turned about and fell to devouring their old coat, which feemed a delicious repast to them; after which they rested about twelve hours, and then began to feed on leaves as formerly

with great eagerness.

June 15. The eldest worms again May 22. This female fly began left off feeding, shrunk up very short, and appeared fixed on the leaves almost motionless. In this fituation they continued until the 17th, on which day, after appearing to be very violently convulled for near half an hour, they threw off another skin, which they eat as before, and then resting about twelve hours, fell to their usual food.

June 20. One of my worms, that teen or fifteeen, as I found by one had just disengaged itself from its old covering, whilst it yet remained weak, was destroyed by a kind of bug armed with a long bill, with which it pierced the fide of the worm, and fucked out its vitals. This bug, which I fancy, I must

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have brought in with the leaves, I rack, the other got to the window take to be a common enemy to the and foun in the angle of that. filk worm in its tender state. Its which are its principal defence.

resting the usual time, returned to of them, I hope, will produce a

feed as before.

July 2. They left off feeding the fourth time, and on the 5th parted an interval of no less than nineteen with their fourth covering, after days between the time the first and eating which, and resting as usual, last worm began to spin, though they continued to feed on the they were all hatched within three leaves.

they undergo adds fresh beauty to the worms, and in every new diefs,

and lively streaks.

July 22. Two of my oldest worms left off feeding and began to wander about in fearch of a proper place to Thereupon I got sticks, in which I fixed a number of pegs for the greater conveniency of the the matter. worms; though they can fpin in any place, where they have or can form an angle for their webs. · After wandering about some time, they fixed at last and began to spin in a curious manner.

July 23. Two left off feeding; these I placed on the racks I had made, which I fixed in glass botgetting off: for I found they were apt to ramble greatly before they could fix on a place to their liking, if they were not suffered to spin among the leaves they feed on; in which case they begin to spin foon after they leave off feeding. But I did not like to suffer this, as the filk. One of them foun on the turned to feeding.

July 24. Five left off feeding: bill is to long, that it can stand at and having wandered about all some distance from the worm, and night began, early next morning, with its weapon wound it, not- to spin. In like manner the rest withslanding the bunches of hair or of my worms, as fast as they arrived briftles, in form of a pencil, with at a state of maturity, daily applied which the worm is covered, and themselves to spinning or wrapping themselves up in cocoons. August June 23. My oldelt worms left 10. the last worm left off feeding. off feeding, shrunk up, and on the and like the rest wrapped itself up, 25th, threw off their third covering, in which state I expect they will all which they devoured, and after remain, until May next, when each beautiful fly.

It feems strange there should be or four days of one another, which It is remarkable every change was nearly the space of time the parent fly was laying the eggs. Whether this was owing to the they appear with more gaudy colours weakness or strength of the vital principle in some more than in others, or whether to the shifting their food, or to their being frightened, and thereby prevented from feeding, I cannot tell. Farther

experiments may possibly explain The method I took to raise these worms, with the least trouble to

myself, as I live in town, and confequently had to bring food for them out of the country, was as follows: I filled feveral bottles with water; 'in these bottles I placed branches of fuch vegetables as the worms feed on. I placed the bottles to prevent the worms from tles so near each other, that when any of their food withered, the worms might crawl to what was fresh. By this means I kept their food fresh for near a week. I always kept the bottles full of water, whereby the worms were supplied with drink, which feems necessary for them. Without it they will they feemed fond of drawing bits of not feed kindly. They commonly twigs and leaves into their nests, crawled down two or three times a which must obstruct the unwinding day, drank heartily, and then re-The leaves of other.

found the worms averle to changing their food. On whatever they first begin to feed, they keep to it.

inclined, they would more freely imbibe the water for the refreshthe worms would fall clear of the troughs, and the water thereby be clean for their drink. The troughs should be always kept full of water, and placed in a shade, secure from the violence of wind, which might shake down the worms; but not too much confined, because a little air is agreeable to them. Through a hole in the bottom of the trough, the water might be let out every two or three days, and the troughs filled again with fresh water, which by this means would continue fweet and clean.

By this method, I am persuaded, they might be raised to advantage, and perhaps, in time, become no contemptible branch of commerce. They appear to me much easier raised than the Italian or foreign filk worms. I did not lose one by fpring that they are not subject to be taken out without breaking the burt by the frost. Neither light- threads of filk.

the apple tree seemed as agreeable nings nor thunder disturb them, as to the worms as any I tried; and they are said to do foreign worms. they answered best, as they kept And as they lie so long in their fresh in the water longer than any chrysalis state, the cocoons may be unwinded at leifure hours in the From fundry experiments, I enfuing winter. One thing more in their favour is, that one of their cocoons will weigh more than four of the foreign worms; and, of con-If any should incline to propa- sequence, it may be presumed, will gate these worms, I would propose yield a proportionable greater quanthe following method. Let long tity of filk. These properties, not narrow troughs be made, with a to mention their being natives, and number of notches along the edges. therefore accustomed to our climate. In the bottom of the troughs, on and the variety of vegetables, on the outfide, let pieces of straight which they feed, must render them wood be fixed, so that the branches, much more promising than the on which the worms are to feed, eastern or foreign worms, and, it is may lie in the notches, and their to be hoped, will induce some who ends be fixed under the piece of have leilure to make further trials wood at the bottom. This would of them. Any time before the midkeep them steady, and laying thus dle of May will do to collect them. Now is the time to collect the cocoons, and with a little pains a fufment of the leaves. The dung of ficient number of them may be found in almost any swamp or level piece of land, to make a begin-

I would advise them to prepaer boxes, in the following manner: they may be of any convenient length, about fix inches deep, and four or five wide; without a bottom. and instead of a close cover for the top, let there be strips of wood nailed on, so close to each other as not to admit the worms crawling through. Let there, also, be several holes in one, or both sides, big enough for the worms to be put in at, as they want to spin, and then stopped up. ·The infide should be washed with a folution of gum arabic, or cherry tree gum. The boxes may stand on any flat place to prevent the worms getting out; and when the filk is to be unwound, by immerting the boxes sickness. They hatch so late in the in warm water, the cocoons may be

Vel. X.

MEMOIR





## MEMOIR ON SOME EXTINGUISHED VOLCANOS IN GERMANY.

BY PRINCE GALLITZIN.

difficulty attending the study of mineralogy, by the uncertainty in the nomenclature of that science, of which we may judge by an anecdote he reports of the Abbé Soulearned man is a stone cut into four blocks, each of which has received a different name from each of the Cassel, is equally volcanic. four mineralogists to which they had been fent. If this confusion in so essential a part appears surprising, the filence of naturalists, respecting extinguished volcanos, does not feem less so to our author. "This filence," he fays, "would be the less fingular, if it respected any two or three volcanos. But their number is fo prodigious, their production so various, we pass continually by the fide of them, the matter they furmish has been employed for a number of years, not only in paving streets and highways, but also is made an article of commerce. As we go up the Rhine, we meet with them as soon as we pass Bonne, and they continued as far as Switzerland: they run on both fides the Maine, then enter Hesse and the the cascade and earth. The priscountry of Fulda, and end at Gottingen, towards Hartz. They are on the top of the mountain, to the to be found in Misnia, Transylva-left of the statue as we come from nia, &c. and Languedoc, Auvergne, Dauphiné, Velai, Vivarais, &c. are full of them. Messrs. Faujas and Soulavei have given a description of we often meet with vitrious and them, to which nothing can be added. So that it is clearly proved, that there are beyond comparison more extinguished than existing vol-canos in the world. This has been asserted by Mr. Buffon, and the present seems the proper time to enquire into the subject.

"I have only examined a very small number of those extinguished of this mountain in water appears, volcanos in Germany. Coming 1. by the quantity of marine shells from Munster to Padderborn, I be- which I have gathered from the gan by those of Hesse. The first land newly removed, near the tem-

THE prince complains of the mountain, decidedly volcanic, which I met in my route, was that of Gribensteen, near Geismar. perfect cone, on the fummit of which is a fmall castle, and at the foot of the castle they dig the basaltes, em-In the collection of this ployed in paving the highway between Geismar and Cassel.

"The mountain of Carlsbery, near celebrated cascade of Weissenstein is entirely built of lava and basaltes, dug from the ground on which it is fituated. The octagonal building, crowned by the statue of Hercules, is placed immediately on the crater of the mountain; we see indubitable proofs of this when we are on the spot. A few paces from the octagon castle, under a slight layer of vegetable earth, appear some porous lava, red, brown, grey, and violet, and then some heavy lava.

"Immediately below begins the basaltic lava, which has run to the right and left of the mountain as far as where the castle of Wessensteins now stands. These are large rude blocks, which are also to be found on the flope of the mountain, between matic basaltes are equally to be found Caffel.

" Among the gravelly lava, employed on the walls of the cascade, calcarious stones, round and perfeltly preferved: the heat of the lava, during their running, has not altered them. May we not therefore conclude, that these lava has been only cinders projected from the volcano? The fea afterwards covering this mountain, has formed folid masses of it. The submersion



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